

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090875.D
 Acq On : 27 Oct 2016 19:14
 Operator : UM/SJ
 Sample : PB94343BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94343BL

Quant Time: Oct 28 01:24:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 18:46:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	137279	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	576528	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	321018	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	518325	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	383739	20.00	ng	-0.02
86) Perylene-d12	15.33	264	259300	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	875386	111.49	ng	0.00
7) Phenol-d6	6.41	99	1082821	102.22	ng	-0.01
23) Nitrobenzene-d5	7.33	82	665547	75.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	361706	109.64	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1474622	80.66	ng	-0.01
78) Terphenyl-d14	12.89	244	1659608	108.96	ng	-0.01

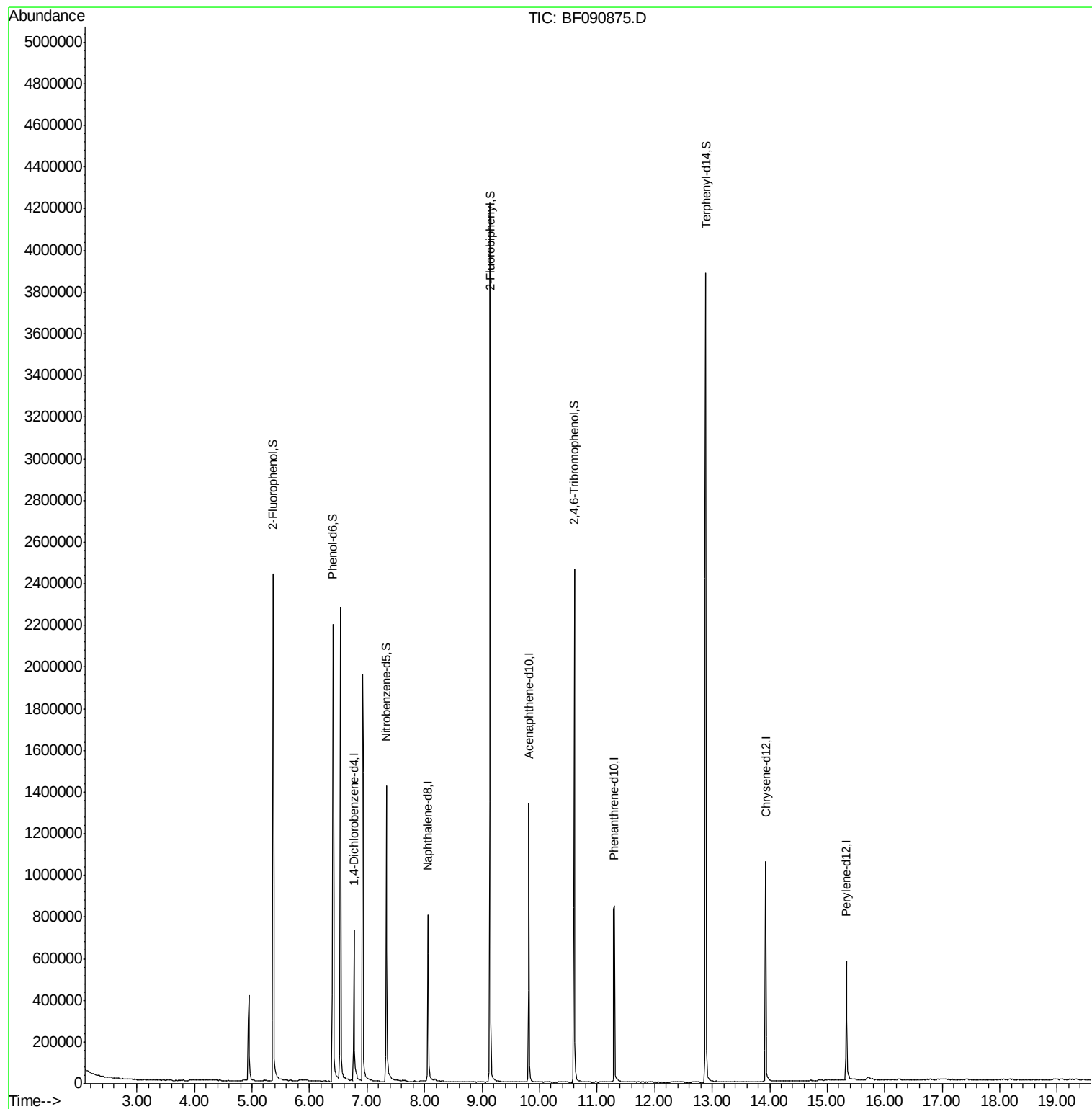
Target Compounds Qvalue

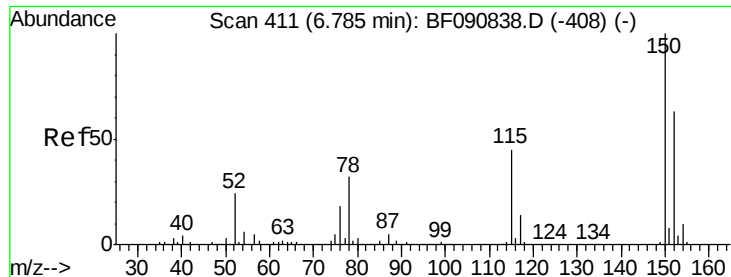
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090875.D

Acq: 27 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB94343BL

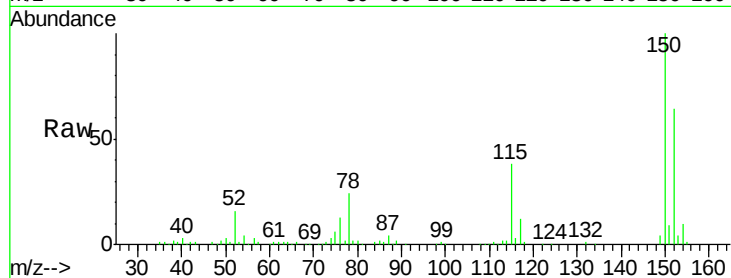
Tot Ion:152 Resp: 137279

Ion Ratio Lower Upper

152 100

150 157.0 124.7 187.1

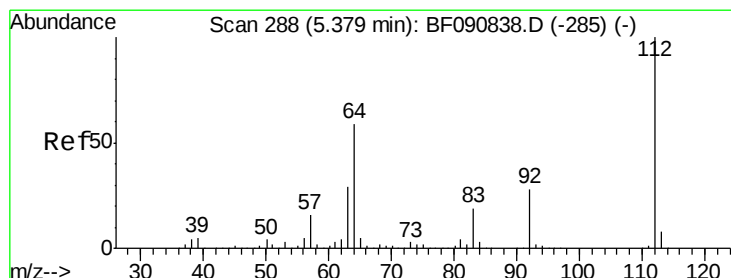
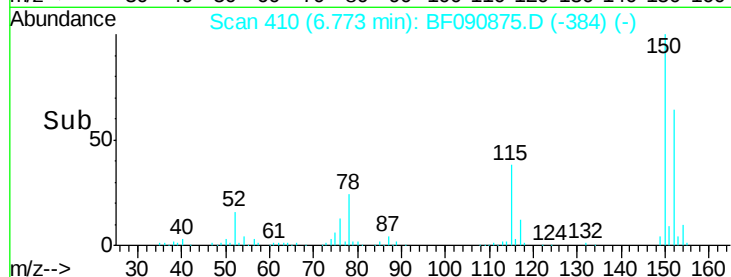
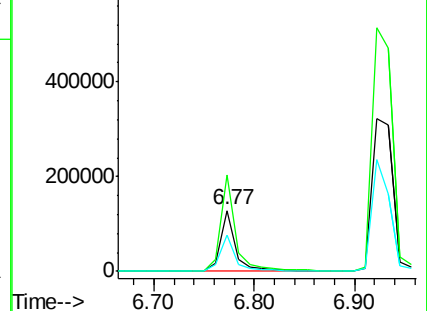
115 60.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 111.49 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF090875.D

Acq: 27 Oct 2016 19:14

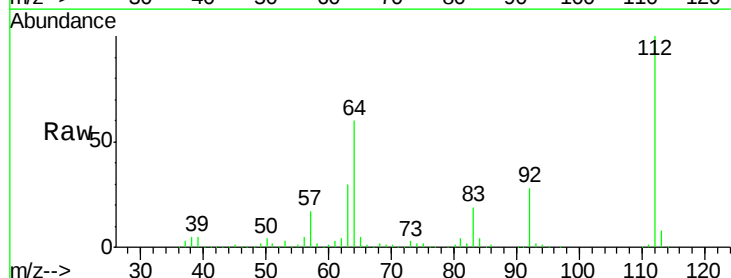
Tgt Ion:112 Resp: 875386

Ion Ratio Lower Upper

112 100

64 60.2 39.7 59.5#

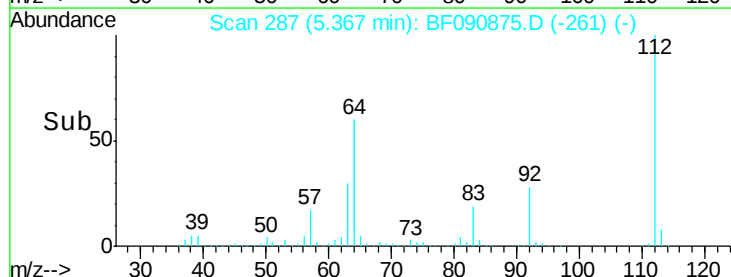
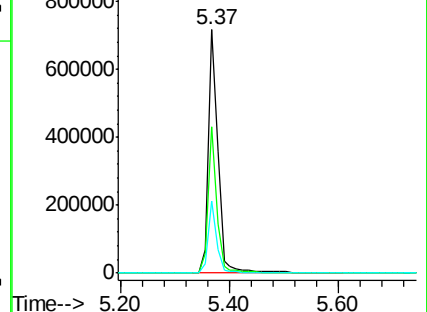
63 29.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.22 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090875.D

Acq: 27 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB94343BL

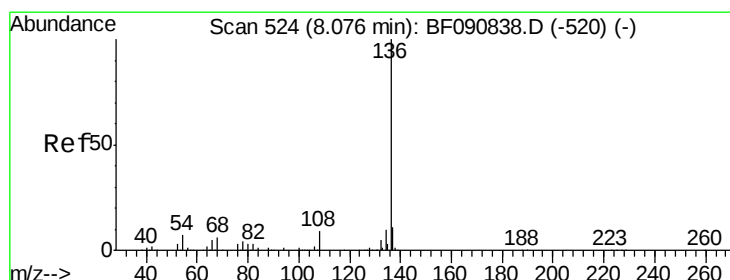
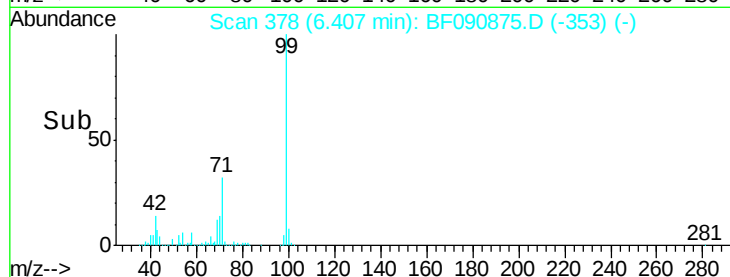
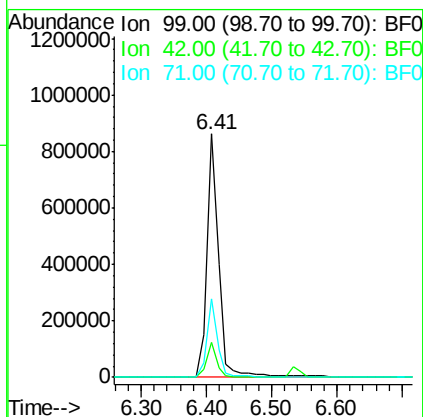
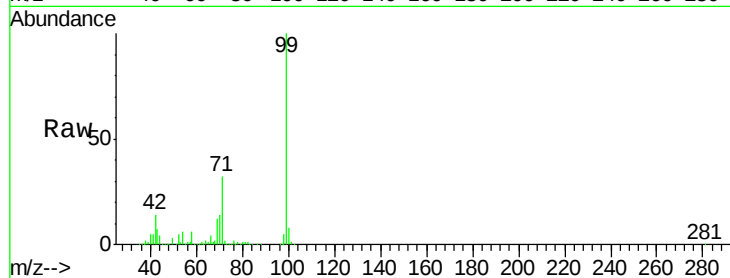
Tot Ion: 99 Resp: 1082821

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

71 32.4 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090875.D

Acq: 27 Oct 2016 19:14

Tgt Ion: 136 Resp: 576528

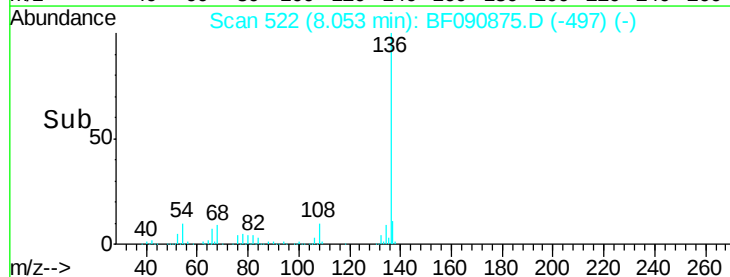
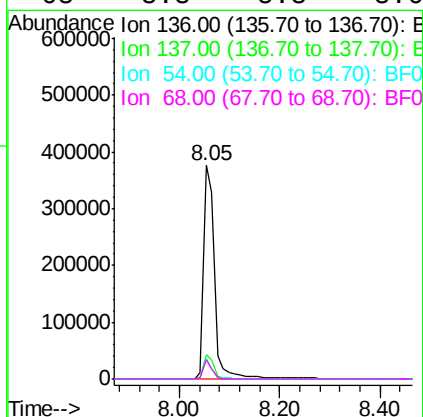
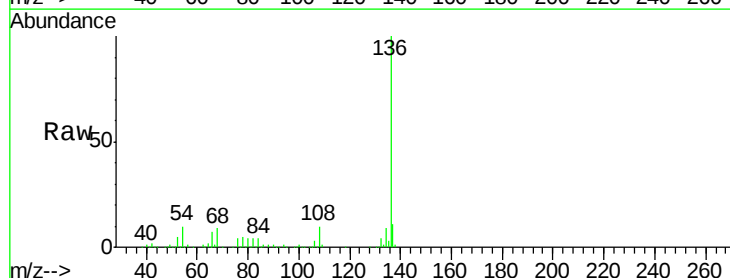
Ion Ratio Lower Upper

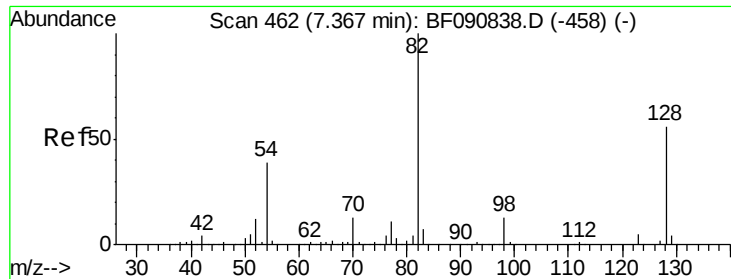
136 100

137 11.4 9.0 13.6

54 9.9 8.2 12.2

68 8.8 5.8 8.6#

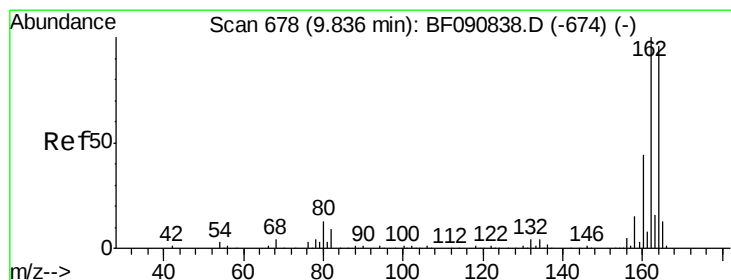
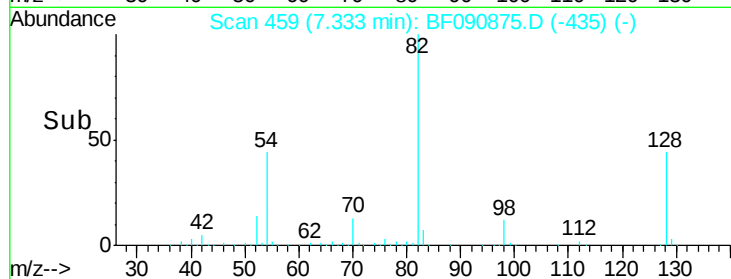
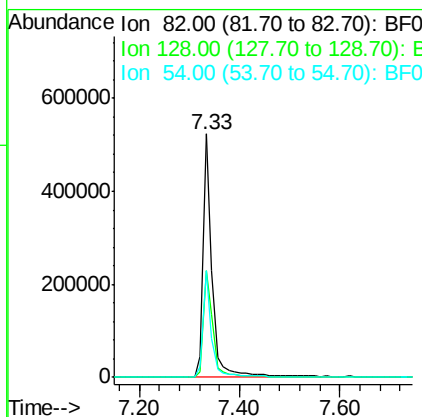
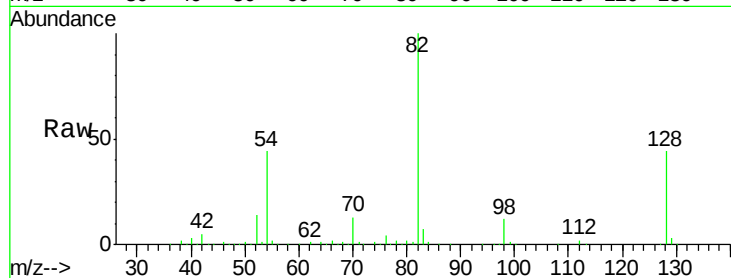




#23
 Nitrobenzene-d5
 Concen: 75.57 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF090875.D
 Acq: 27 Oct 2016 19:14

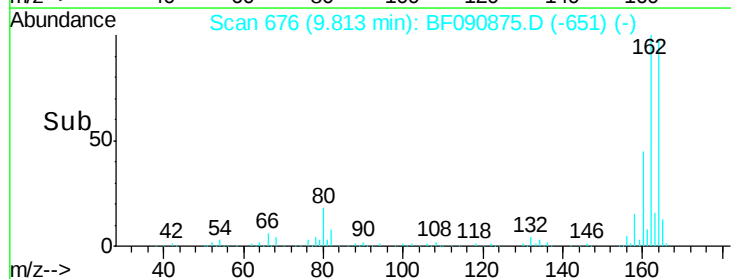
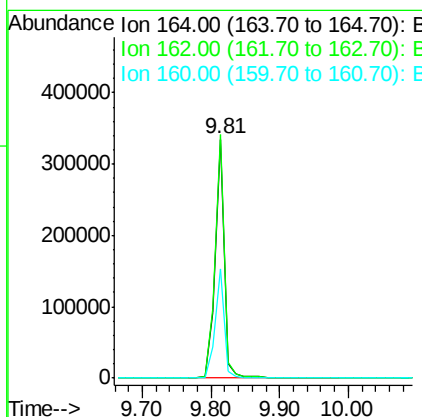
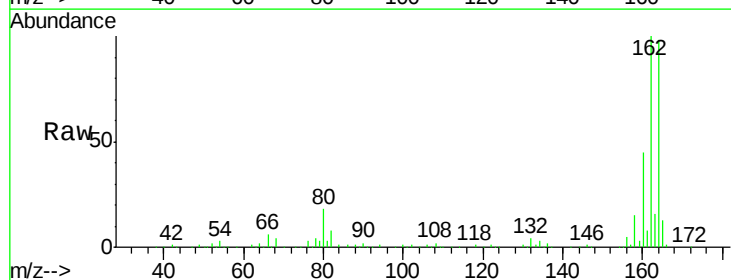
Instrument :
 BNA_F
 ClientSampleId :
 PB94343BL

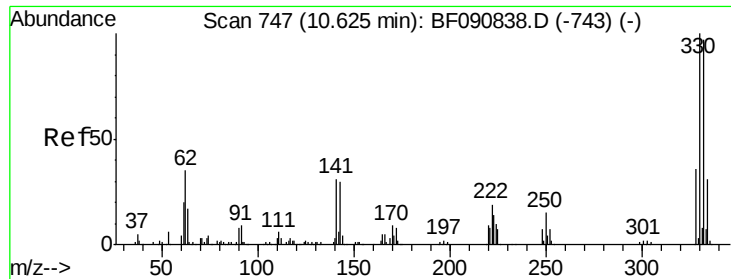
Tot Ion: 82 Resp: 665547
 Ion Ratio Lower Upper
 82 100
 128 43.8 51.0 76.6#
 54 43.8 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF090875.D
 Acq: 27 Oct 2016 19:14

Tgt Ion:164 Resp: 321018
 Ion Ratio Lower Upper
 164 100
 162 102.0 75.2 112.8
 160 45.5 31.5 47.3

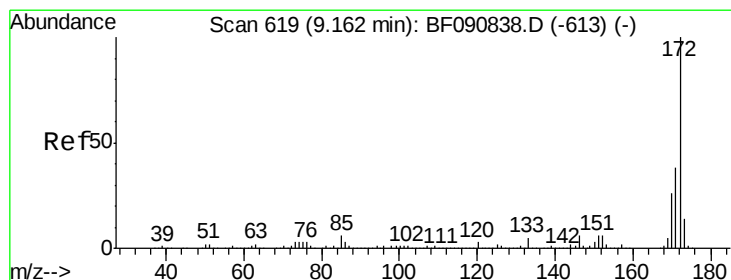
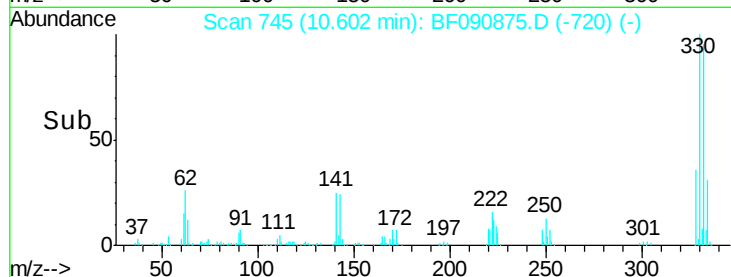
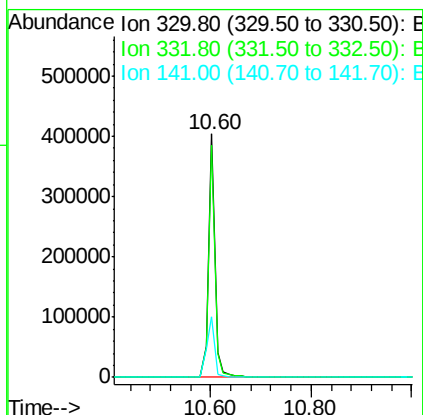
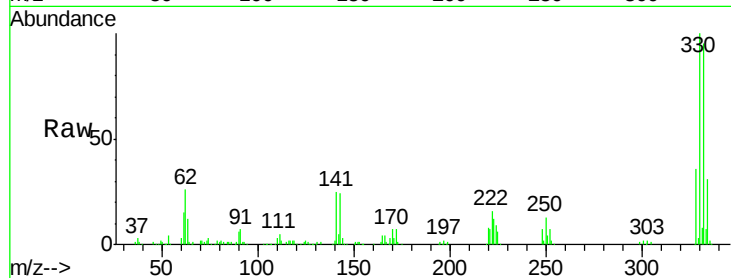




#41
 2,4,6-Tribromophenol
 Concen: 109.64 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF090875.D
 Acq: 27 Oct 2016 19:14

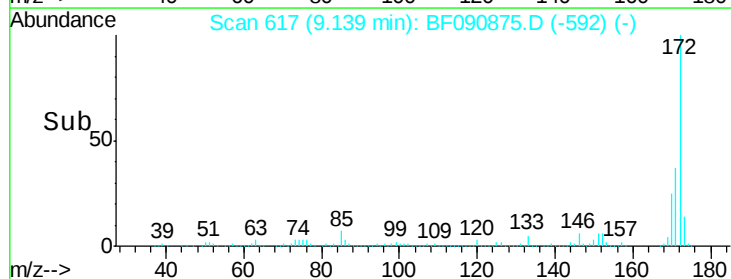
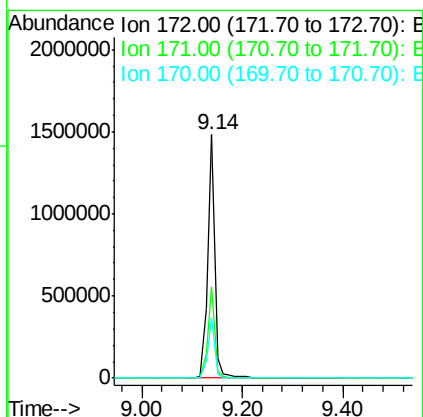
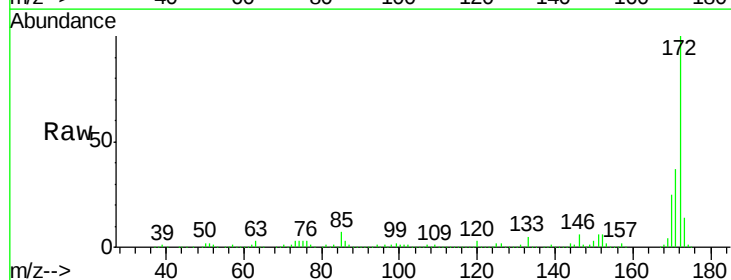
Instrument :
 BNA_F
 ClientSampleId :
 PB94343BL

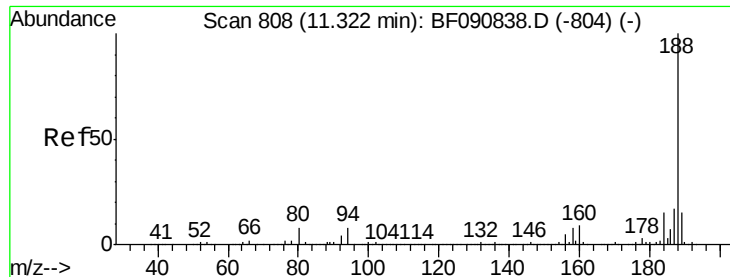
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	31.0	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 80.66 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090875.D
 Acq: 27 Oct 2016 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	26.1	39.1
170	24.9	17.4	26.2

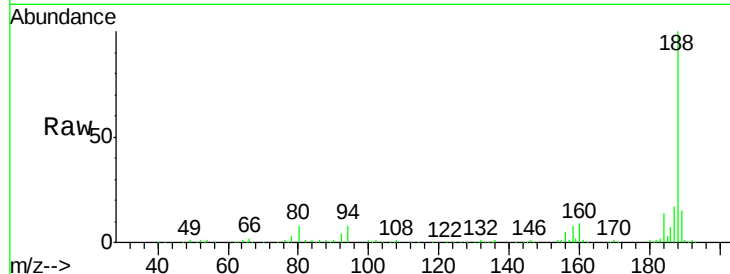




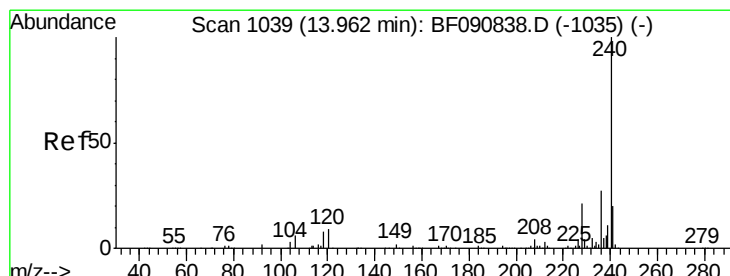
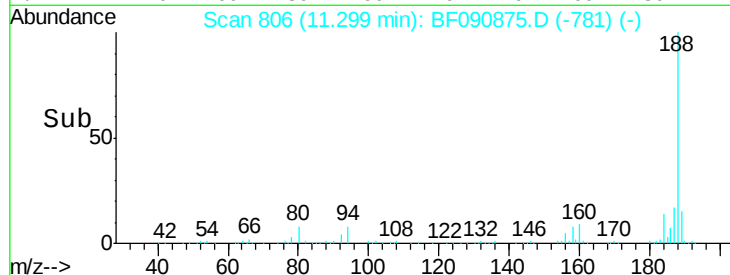
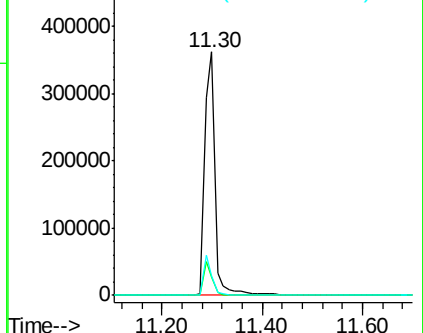
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090875.D
Acq: 27 Oct 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB94343BL

Tot Ion:188 Resp: 518325
Ion Ratio Lower Upper
188 100
94 7.6 11.1 16.7#
80 7.8 11.0 16.4#

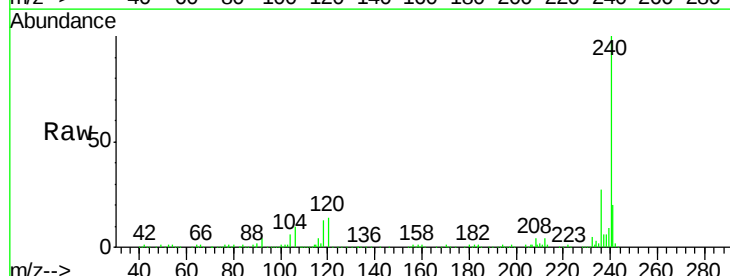


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

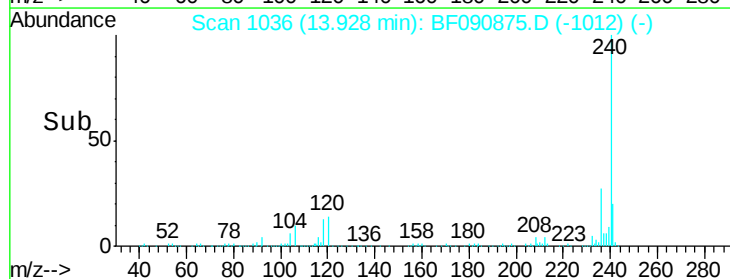
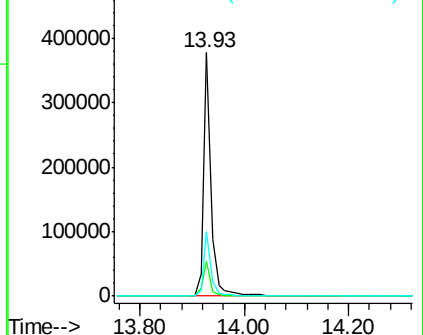


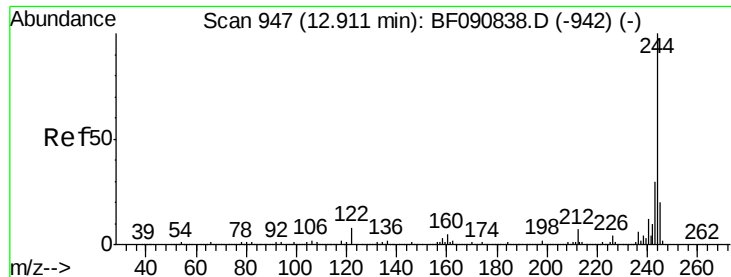
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090875.D
Acq: 27 Oct 2016 19:14

Tgt Ion:240 Resp: 383739
Ion Ratio Lower Upper
240 100
120 14.1 16.2 24.2#
236 26.7 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.96 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090875.D

Acq: 27 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB94343BL

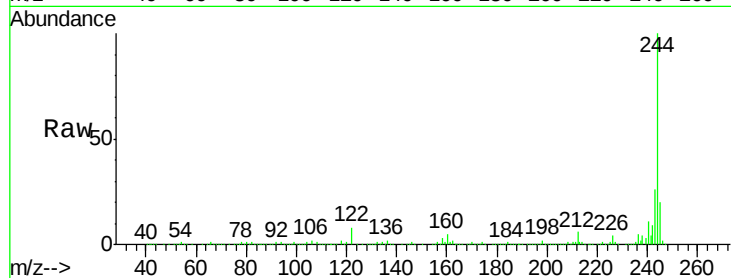
Tot Ion:244 Resp: 1659608

Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.3	6.5
122	7.6	17.4	26.2

244 100

212 6.4 4.3 6.5

122 7.6 17.4 26.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.89

1500000

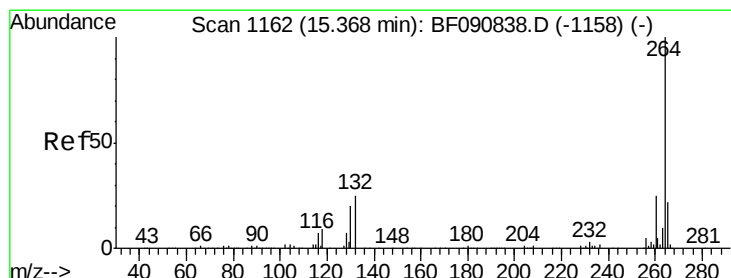
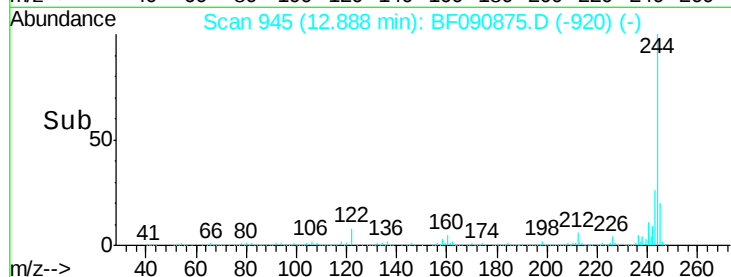
1000000

500000

0

Time-->

12.80 13.00 13.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF090875.D

Acq: 27 Oct 2016 19:14

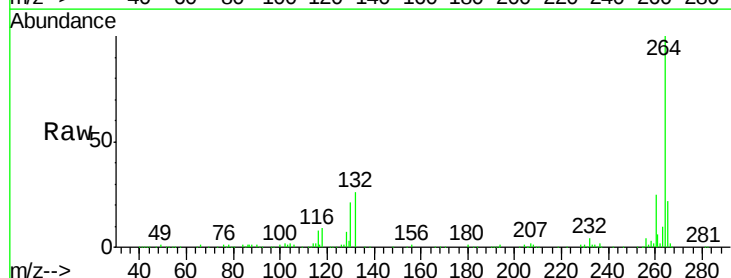
Tgt Ion:264 Resp: 259300

Ion	Ratio	Lower	Upper
264	100		
260	25.4	16.7	25.1
265	22.0	17.2	25.8

264 100

260 25.4 16.7 25.1

265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.33

250000

200000

150000

100000

50000

0

Time-->

15.20 15.40 15.60

